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Chief, Intelligence Information Staff, OHR

27 June 1958

THRU : Chief, Industrial Division, OHR

Chief, Guided Missile Branch, OHR

**Guided Missile Launch Sites (Telecommunications Observations.)**

- REFERENCES: 1. Request for Requirements dated 14 May 1958, E-58281, 3d)  
Western Telecommunications engineer who will travel to the  
CSR; Itinerary Unknown.
2. Draft Collection Planning Aid on the Soviet ICBM Program,  
CIA/HR MP-223, 4 April 1958 (Note: The aid refers to and  
illustrates all types of guided missiles.)

1. Information on one or more of the items listed below would serve as a possible indication that telecommunications facilities in a particular area are associated with guided missile activity. Such facilities might be in support of surface-to-surface or surface-to-air guided missile installations.

Within the category of surface-to-surface missiles, the Soviets may decide to deploy only mobile surface-to-surface missile systems in Czechoslovakia. These would require few, if any, detectable pre-established communications facilities. A possibility does exist that intermediate and long range, fixed, missile launch sites would be established. The construction of communications facilities to remote Soviet controlled, secure areas, which cannot be justified on the basis of known economic, military, or other activity, might indicate the establishment of such sites.

Surface-to-air missile systems ought to provide many more opportunities for the reporting of the construction and operation of related telecommunications facilities. Launch and support facilities would probably be constructed in the vicinity of key industrial areas and other important centers. Direct communication between the central control installation and the outlying launch sites would be necessary. A system might utilize a radial communications net extending from a control center to spaced, peripheral positions 15 to 30 miles from the target to be defended.

2. Information on the following items is requested:

a. The planned expansion of telecommunications capacity in excess of civil, governmental, and industrial requirements at a given point or in a given area.

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b. The existence of telecommunications facilities controlled either exclusively by the Ministry of Defense or jointly with the Ministry of Communications in areas where normal military requirements for telecommunications services are either absent or negligible.

c. The provision of alternative communications, either by separate or parallel routes but by different transmission media. These alternatives could take the form of point-to-point radio or microwave radio relay lines used as a back up to wireline facilities. Two wirelines or a wireline and a microwave radio relay line following different routes to a common destination are other examples of the various combinations that might be used to insure more reliable telecommunications and/or to provide more capacity or better security.

d. The construction of new facilities in areas peripheral to major industrial and population centers. The construction of new facilities in remote areas which cannot be justified on the basis of known economic, military, or other activity.

3. This requirement has been coordinated with GSI/GMO and ORR/S/COM.

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